AVOCET
ENVIRONMENTAL, INC.

December 20, 2007 Project No. 1155.001

Ms. Jennifer L. Wiley, PG, CEM
THE BOEING COMPANY
Environment, Health & Safety – Environmental Remediation
4501 Conant Street
Long Beach, California 90808

Field Data Report
December 2007 Baseline and Quarterly Groundwater Monitoring
Former Building 1/36 Biorecirculation Pilot Test
Waste Discharge Requirements Order No. R4-2007-0040
Boeing Corporate Real Estate Former C-6 Facility
Los Angeles, California

Dear Ms. Wiley:

This report has been prepared by Avocet Environmental, Inc. (Avocet) to summarize and present the field data collected during the December 2007 Baseline Waste Discharge Requirements (WDR) and Quarterly groundwater monitoring event at the Boeing Corporate Real Estate (BCRE) Former C-6 Facility in Los Angeles, California. This monitoring was conducted pursuant to and in accordance with the following:

Avocet Environmental, Inc., December 1, 2007, Proposal for December 2007 Building 1/36 Pilot System Baseline Monitoring and Quarterly Sampling Plan, Boeing Former C-6 Facility, Los Angeles, California.

California Regional Water Quality Control Board – Los Angeles Region (LARWQCB), August 10, 2007, Waste Discharge Requirements for Pilot Tests to Evaluate Bioremediation of Volatile Organic Compounds (VOCs) in Groundwater, Boeing Realty Corporation, Former C-6 Facility, 19503 South Normandie, Los Angeles, California (File No. 95-036; SLIC No. 410; Site ID No. 1846000).

Camp Dresser & McKee, Inc., (CDM), November 26, 2007, December 2007, Building 1/36 Pilot System Baseline Monitoring and Quarterly Sampling Plan, Boeing Former C-6 Facility, Los Angeles, California (Attachment 1).

CDM, February 5, 2007, Groundwater Monitoring Workplan, 2007, Former C-6 Facility, 19503 South Normandie Avenue, Los Angeles, California.

Field activities performed during the December 2007 Monitoring Program are discussed in the following sections. Figure 1 presents the locations of the groundwater monitoring wells included as part of this program.

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GOUNDWATER SAMPLING ACTIVITIES

Two out of the three wells scheduled for gauging were gauged for depth to water and total depth on December 12, 2007. One of the three wells, EWB001, is equipped with a permanent pump and was inaccessible to sounding equipment. Depth to water and total depth for this well were estimated from the pressure transducer and well construction records[1]. These wells were also inspected for any damage or missing materials.

Three wells were sampled on December 12, 2007 using a variety of pumps and methods. Wells EWC001 and EWB001 were purged for sampling using electric submersible pumps and traditional purge rates and values (i.e., three wetted casing volumes). Well EWB002 was purged for sampling using a pneumatic bladder pump and the low-flow (minimal drawdown: 0.2 liters/minute) sampling method. Stabilization parameters were measured at all three wells using a calibrated Horiba U-22 water quality meter with a flow-through cell. Ferrous iron testing was performed in all wells using HACH DR/890 Colorimeter and the Horiba dissolved oxygen measurements were confirmed periodically using a CHEMetrics Inc. test kit. The field instruments were calibrated daily and the calibration data sheets are included in Attachment 2.

At the completion of purging, groundwater samples were collected in laboratory supplied containers, properly labeled, identified on the chain-of-custody, and submitted to TestAmerica Laboratory, an appropriately certified environmental testing laboratory located in Irvine, California. A normal 10-day turn-around time was requested for the lab analyses. Samples from all three wells were analyzed for the following:

- Volatile organic compounds (VOCs) by EPA Method 8260B.

Samples from well EWB002 were scheduled for the following additional analytes:

- Total organic carbon (TOC) by EPA Method 9060,
- Volatile fatty acids (VFAs) by IC Method 8M23G (subcontracted by TestAmerica to Microseeps, Inc., Pittsburg, PA),
- Dissolved gases (ethane, ethane, and methane) by RSK 175 (subcontracted by TestAmerica to Air Technology Laboratory, Inc., City of Industry, CA),
- Dissolved minerals (sulfate, nitrate, nitrite, and chloride) by EPA Method 300 Series,
- Total Alkalinity by EPA Method 310, and

[1] The top of casing was modified when the vault was installed. Total depth, below top of casing (BTC), prior to modification was 88.7 feet. Total depth after modification is 84.7 feet (i.e., approximately 4 feet of casing was removed - new top of casing elevation is approximately 49.01 feet above mean sea level (amsl). The well is equipped with a transducer. The transducer was installed approximately 78.15 feet BTC. On December 12, 21.6' of water covered the transducer - a water level of 56.55 feet BTC. This equates to a water table elevation on December 12 of -7.54 feet amsl.

- Quantitative polymerase chain reaction (qPCR) analysis for DHC 16S rRNA gene and functional genes tceA, bvcA, and vcrA (subcontracted by TestAmerica to North Wind, Inc., Pocatello, ID).

Approximately 200 gallons of purge water from well EWB001 was pumped directly into the 21,000 gallon temporary Baker tanks staged to the west and south of the treatment compound. Approximately 124 gallons of purge water from wells EWC001 and EWB002 was transported to the storage tank located in the treatment compound. Field data forms are included in Attachment 2.

WELL INVENTORY

A comprehensive inventory of all 67 wells was conducted to assess well status. Each well was visited and the well head photographed to document the condition at the time of the visit. Photographs of the well heads are included in Attachment 2. All wells appear undamaged, readily accessible, and available for sampling, with the following exceptions:

- Two wells situated on the Sunrider property could not be located: Well MWB014 (well head photos, page 5) was likely obstructed by construction debris and Well IWC002 (well head photos, page 2) was buried beneath a small soil stockpile. Although neither of these wells was observed directly, the condition of the local area suggests that the wells are intact.
- Only one well structure was observed to be damaged. The concrete surrounding Well IWC001 is damaged, but it is unlikely that the integrity of the well has been compromised (well head photos, page 3).

If you have any questions regarding this report or require additional information, please do not hesitate to call.

Respectfully submitted,

AVOCET ENVIRONMENTAL, INC.

Michael A Rendina

Michael A. Rendina, C.Hg.
Principal

MAR:sh
Attachments:
Figure: Site Map – Monitoring Well Locations
Attachment 1: December 2007 Sampling and Analysis Plan
Attachment 2: Field Data Forms and Well Head Photographs

Figure

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Attachment 1

December 2007 Sampling and Analysis Plan

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December 2007
Building 1/36 Pilot System Baseline Monitoring and Quarterly Sampling Plan
Boeing Former C-6 Facility
Los Angeles, California

Table 1 presents the details of the December 2007 monitoring round for the Building 1/36 wells, which includes:

- Final round of baseline sampling of EWB002 (B-Sand Well installed in June 2007) as part of the Building 1/36 Pilot System under the Individual WDR Permit. This will also serve as the second round of quarterly monitoring for this well.
- Fourth and final round of quarterly sampling of EWC001 (C-Sand Well), which was installed in 2006.
- Third round of quarterly sampling of EWB001 (B-Sand Well), which was installed in 2006.

All wells will be gauged prior to collecting groundwater samples to determine static water levels and total well depth. Except as modified below, all procedures, including quality assurance (QA) and data validation, will be as described in the 2007 Groundwater Monitoring Work Plan (CDM, February 5, 2007).

Building 1/36 Pilot System Baseline Monitoring

For EWB002, low-flow purging to maintain uniform flow rates on the order of 0.1 to 0.5 liters/min will be used to collect the groundwater sample and minimize disturbance to the groundwater in the well such that drawdown is less than 0.3 foot. The sample collected from the well will be tested for biogeochemical parameters using a YSI unit, field test kits, and fixed-base laboratory analyses. The YSI unit or equal, with flow through cell, will be used to measure pH, dissolved oxygen (DO), oxidation-reduction potential (ORP), Electrical Conductivity (EC), and temperature. A turbidity meter (Hach 2100P or equal) shall be used to monitor turbidity of the water during purging. Hach, Inc. field test kits will be used to measure ferrous iron (Fe [II]). During purging, at least pH, conductivity, turbidity, and DO should stabilize such that three successive readings should be within ± 0.1 for pH, ± 3% for conductivity, and ± 10% for turbidity and DO. During the purging, a minimum of one tubing volume (including the volume of water in the pump and flow cell) must be purged prior to recording the water-quality indicator parameters. Following field analyses, samples will be collected for laboratory analysis as shown on Table 1.

Quarterly Monitoring

For EWC001, the purging and sampling procedures described in the 2007 Groundwater Monitoring Work Plan (CDM, February 5, 2007 will be followed. The groundwater sample from EWC001 will be collected for field testing and laboratory analysis as shown on Table 1.

Well EWB001 is equipped with a permanent well pump and cannot be sampled using conventional techniques. The sample should be collected from sample port at the discharge pipe of the well pump at the well vault. Please coordinate with CDM/Jacob Hefner & Associates prior to sampling this well.

Table 1
December 2007 Building 1/36 Pilot System Performance and Quarterly Groundwater Monitoring Plan
Boeing Reality Corporation, Former C-6 Facility
Los Angeles, California

Well ID	Water Bearing Unit	Sampling Order	Monitoring Parameters						Data Validation [8]		
			Water Level Gauging	VOCs (8260B) [1]	Field Parameters and measurements [2]	Total Organic Carbon and Volatile Fatty Acids [3,4]	Dissolved Gases and Minerals [5,6]	qPCR and Rdase genes (tceA, vcrA, and bvcA) [7]	Tier 1	Tier 2	Tier 3
Pilot System Baseline Monitoring											
EWB002	B-Sand	1	x	x	x	x	x	x			
Quarterly Monitoring											
EWB001	B-Sand	2	x	x	x						
EWC001	C-Sand	3	x	x	x						x
Quality Control Samples [9]											
Duplicates (1 per 20 wells)				x (1)							
Rinseate Blanks (1 per day)				x (1)							
Trip Blanks (1 per day)				x (1)							

Notes:

[1] VOCs = Volatile organic compounds by EPA Method 8260B

[2] Field Parameters = pH, Dissolved oxygen (DO), oxidation-reduction potential (ORP), turbidity, Electrical Conductivity (EC), temperature, and ferrous iron.

[3] Total organic carbon (TOC) by EPA Method 9060 Modified or 415.1 or equal

[4] Volatile Fatty Acids by Ion Chromatography (IC) by Microseeps

[5] Dissolved gases (ethane, ethane and methane) by RSK 175

[6] Minerals (sulfate, nitrite, nitrate, and chloride) by EPA Method 300 Series or equal, Total alkalinity by EPA Method 310 or equal

[7] qPCR =Quantitative Polymerase Chain Reaction test for Dehalococcoides bacteria and functional gene analyses for the three reductase (RDase) genes - tceA (TCE RDase), vcrA, and bvcA (BAV1 RDase) - By Northwind Environmental

[8] Approximately 10 percent of the laboratory data for the primary samples will be selected randomly for data validation as follows.
55% - EPA Tier 1 validation (0 sample this event)
40% - EPA Tier 2 validation (0 sample this event)
5% - EPA Tier 3 validation (1 sample this event)

[9] Quality control sample number based on estimated number of sampling days.

Attachment 2

Field Data Forms and Well Head Photographs

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INSTRUMENT CALIBRATION SHEET

Project Name: BOEING FORMER C-6 - DEC. 2007	Project #: 1155.003

Date	Time	Instrument Type	Instrument Serial No.	Calibration Method	Calibrated by	Remarks
12/12/07	8:00	SOLINST	SOLINST #1	STEEL TAPE	EMC	25.0' = 25.1"
12/12/07	7:40	HORIBA U-22	HORIBA #1	pH = 4	EMC	pH = 4 ok
↓	↓	↓	↓	NTU = 0	↓	NTU = 0 ok
↓	↓	↓	↓	ORP = 83	↓	ORP = 82 ok
↓	↓	↓	↓	D.O. = 0	↓	D.O. = 0 ok
12/12/07	7:30	MiniRAE PID	PID #2	100 ppm ISOBUT.	DML	100 ppm ok

Groundwater Monitoring Well Gauging Sheet
BCRE Former C-6 Facility

Well ID	Previous Measurement Date	Previous Depth to Water	Previous Total Depth	Date	Time	Well Diameter	PID (ppm)	Measurement Point	Depth to Water	Depth to Water #2	Total Depth	Personnel	Comments/Well Conditon
EWB001	Sep-07	60.15	88.95	12/12/07	10:38	6"	NO ACCESS	TOC-N	56.50'	56.50'	85.5'	EMC	GOOD
EWC001	Sep-07	59.8	123.21	12/12/07	12:15	4"	64.4	TOC-N	60.10'	60.10'	122.34'	EMC	GOOD
EWB002	Jun-07	60.52	94.3	12/12/07	13:33	6"	0.0	TOC-N	60.93'	60.93'	94.3'	EMC	GOOD

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GROUNDWATER SAMPLING DATA SHEET

Project Name: BOEING FORMER C-6 - DECEMBER 2007 WDR	Date: 12/12/07
Project No.: 1155.002	Prepared by: EMC
Well Identification: EWB001	Weather: Sunny 60's
Measurement Point Description: TOC - N	Pump Intake: 81.75' Screen: 59.2' - 89.2'

	A	B	C		E					
Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (CXD=E)	Three (3) Casing Volumes (gallons) (Ex3)	1/2 Casing Volume (E/2)	Above screen Volume (Top Screen - DTW)xD	Screen Volume (Screen Length x D)	1/2 Screen Volume
NONE	56.5'	85.5'	28.95'	N/A	4.2.55	128	—	—	—	—

	Gallons/Foot			
Well Diameter (in)	0.75	2	4	(6)
D Gallons per foot of casing	0.02	0.16	0.65	(1.47)

Field Equipment: HORIBA MULTIPARAMETER METER
Purge Method: PERMANENT PUMP AND PIPING
Well Condition: GOOD

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (M S/CM)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
0930	—	0	3	NO ACCESS	7.48	21.60	6.8	0.172	0.00	-142	Clear CHEMETRICS D.O.
0939	0.7	30	3		7.09	22.43	5.0	0.312	0.00	-26	0.30 mg/L
0946	1.4	60	3		7.13	20.41	3.0	0.314	0.00	46	0.70 mg/L
0951	2.1	90	3		7.22	22.45	36.8	0.208	0.00	-19	
1005	2.8	120	3		7.18	22.39	119.0	0.202	0.00	-9	0.80 mg/L
1011	3.3	140	3		7.17	22.43	136	0.199	0.00	-3	
1037	4.7	200	3		7.14	22.40	186	0.185	0.09	5	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (Cx0.80) – B	Water Level at Sampling Time (ft bmp)	Sample Collection Time	Sample Identification
0930	10:38	~3.0	200	~5	N/A		10:38	EWB001_WG121207_0001

FERROUS IRON: 0.02 mg/L
CHEMETRICS: 0.3 mg/L @ 9:39
* PUMPING RATE VARIABLE - DIFFICULT TO CONTROL
FLOW TOTALIZER: (BEFORE) 95315 (AFTER) 95533
* NO PARAMETER STABILIZATION AFTER 5 VOLUMES.
↳ 0.70 mg/L @ 9:46; 0.80 mg/L @ 10:05.
NO ACCESS FOR PID READING

C:\Users\mrendina.AVOCET\Desktop\groundwater sampling data sheet.doc

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GROUNDWATER SAMPLING DATA SHEET

Project Name: BOEING FORMER C-6 - DECEMBER 2007 WDR		Date: 12/12/07	
Project No.: 1155.002		Prepared by: EMC	
Well Identification: EWC001		Weather: Sunny 70's	
Measurement Point Description: TOC-N		Pump Intake: 120'	Screen: 97'-122'

	A	B	C		E					
Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (CXD=E)	Three (3) Casing Volumes (gallons) (Ex3)	1/2 Casing Volume (E/2)	Above screen Volume (Top Screen - DTW)xD	Screen Volume (Screen Length x D)	1/2 Screen Volume
NONE	60.10	122.34	62.24	NONE	41	123	—	—	—	—

	Gallons/Foot			
Well Diameter (in)	0.75	2	(4)	6
D Gallons per foot of casing	0.02	0.16	0.65	1.47

Field Equipment: HORIBA MULTIPARAMETER METER
Purge Method: 2" GRUNDFOS REDI-FLO / 3+volume
Well Condition: GOOD

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (M S/CM)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
11:30	—	0	2.5	61.10	6.16	22.41	148.0	0.143	6.25	-132	Cloudy
1144	0.7	30	2.5	61.22	6.78	22.85	12.6	0.174	0.00	-182	Clear
1158	1.5	60	2.7	61.24	6.88	22.88	5.4	0.176	0.00	-193	Clear
1210	2.2	90	2.7	61.29	6.91	22.87	6.0	0.177	0.00	-193	Clear
1214	3.0	123	2.9	61.30	6.90	22.88	6.1	0.177	0.00	-194	Clear

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (Cx0.80) – B	Water Level at Sampling Time (ft bmp)	Sample Collection Time	Sample Identification
11:30	12:14	2	123	3	YES	61.30	12:15	EWC001_WG121207_0001

FERROUS IRON: 2.05 mg/L PID: 64.4 ppm DUP: EWC001_WG121207_0002
CHEMETRICS DO: 0.15 mg/L @ 12:15

AVOCET ENVIRONMENTAL, INC.

GROUNDWATER SAMPLING DATA SHEET

Project Name: BOEING FORMER C-6 - DECEMBER 2007 GDR		Date: 12/12/07	
Project No.: 1155.002		Prepared by: EMC	
Well Identification: EWB002		Weather: Sunny 70's	
Measurement Point Description: TOC-N		Pump Intake: 843'	Screen: 60'-90'

	A	B	C		E					
Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (liters) (CXD=E)	Three (3) Casing Volumes (liters) (Ex3)	1/2 Casing Volume (E/2)	Above screen Volume (Top Screen - DTW)xD	Screen Volume (Screen Length x D)	1/2 Screen Volume
NONE	60.93	94.30	33.37	N/A	186	557	—	—	—	—

	Liters/Foot			
Well Diameter (in)	0.75	2	4	(6)
D Liters per foot of casing	0.08	0.61	2.46	5.56

Field Equipment: HORIBA MULTIPARAMETER METER
Purge Method: LOW-FLOW / BLADDER PUMP
Well Condition: GOOD

Time	Casing/ Screen	Volume Purged (liters)	Flow Rate (ml/min)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1310	N/A	0	200	61.02	6.63	21.88	7.2	0.338	3.27	-110	Clear
1313	N/A	0.6	200	61.07	6.53	21.89	2.0	0.352	0.17	-114	Clear
1316	N/A	1.2	200	61.05	6.52	21.89	1.5	0.345	0.00	-120	Clear
1319	N/A	1.8	200	61.07	6.55	21.90	1.8	0.337	0.00	-122	Clear
1322	N/A	2.4	200	61.07	6.53	21.88	2.0	0.335	0.00	-121	Clear
1325	N/A	3.0	200	61.02	6.53	21.87	1.9	0.334	0.00	-121	Clear
1328	N/A	3.6	200	61.07	6.53	21.88	2.0	0.335	0.00	-120	Clear

Purge Start Time	Purge End Time	Average Flow (ml/min)	Total Liters Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (Cx0.80) – B	Water Level at Sampling Time (ft bmp)	Sample Collection Time	Sample Identification
13:10	13:28	200	3.6	N/A	—	61.07	13:33	EWB002_WG-121207_0001

Ferrous Iron = 1.58 mg/l PID = 6.0 ppm Chemetrics D.O. = 0.45 mg/l at 13:33 (time)

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QA/QC SAMPLE IDENTIFICATION FORM

Project Name: BOEING FORMER C-6 - DEC. 2007	Project No.: 1155.002

Date	Time	QA/QC Sample Type (Duplicate, Field Blank, Equipment Blank, Split)	Sample ID	Sample Location	Primary Sample Reference	Analytical Methods	Organic-Free Water Source	Field Personnel	Comments
12/12/07	-	TRIP	TB_AV121207_0001	C-6		8260B	TESTAMERICA	N/A	-
12/12/07	-	EQUIP.	EB_AV121207_0001	C-6		8260B	" "	EMC	-
12/12/07	-	DUP.	EWC001_WG121207_0002	C-6		8260B	N/A	EMC	-

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Sheet of

Boeing CoC No. AVO121207A

CHAIN OF CUSTODY RECORD

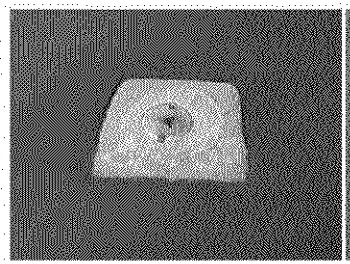
Project Information:	
Site Name	Boeing Former C-6 Facility - Building 1/36
Site Address	Torrance, CA
Project No.	1155.002
Project Manager	Michael Rendina
Sampled By	Eric Costales
Turn-Around-Time	Standart TAT, 48 hr holding time for NO_3

Sample Identification	Sample Date	Sample Time	Matrix	No. of Cntnrs.	Lab I.D. Number	VOCs inc. fuel oxys (EPA 8260B)	TOC (EPA 9060)	VFA by IC Method 8M23G (Microseeps, Ing. Pittsburgh, PA)	Dissolved Gases (Ethane, Ethene, and Methane by RSK 175)	Dissolved Minerals (sulfate, Nitrate, nitrite, and chloride) by EPA Method 300	Total Alkalinity by EPA Method 310	Quantitative Polymerase Chain Reaction (qPCR) analysis for DHC 16S rRNA gene and functional genes tceA, bvcA, and vcrA (North Wind, Inc., Pocatello, ID)	Comments
TB_AV121207_0001	-	-	Water	3		X							
EB_AV121207_0001	12/12/07	11:15	Water	3		X							
EWB002_WG121207_0001	12/12/07	13:33	Water	12		X	X	X	X	X	X	X	48HR HT for NO_3
EWB001_WG121207_0001	12/12/07	10:38	Water	3		X							
EWC001_WG121207_0001	12/12/07	12:15	Water	3		X							
EWC001_WG121207_0002	12/12/07	12:15	Water	3		X							

Relinquished by	Company	Received by	Company
Printed Name: David Lieberman Date: 12-12-07	Avocet Environmental, Inc.	Printed Name: Date:	
Signature: Time: 16:58		Signature: Time:	
Printed Name: Date:		Printed Name: Date:	
Signature: Time:		Signature: Time:	
Printed Name: Date:		Printed Name: Angel Perez Date: 12/12/07	
Signature: Time:		Signature: Time: 1654	

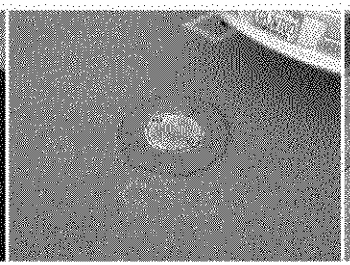
Sample Receipt	Billing Information	Special Instructions
Total Containers		
Temperature °C °F	Bill To:	
COC Seal (Y/N/NA)		

S:\Projects\1155 Boeing Former C-6 Facility\Groundwater Monitoring\December 2007\COC_121207.xls

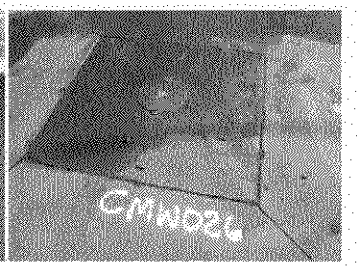


BL-03.JPG

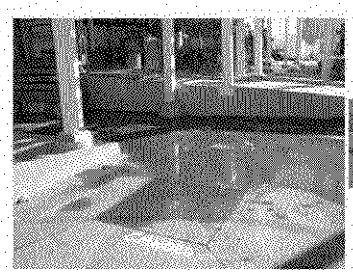
CMW001.JPG



CMW002.JPG

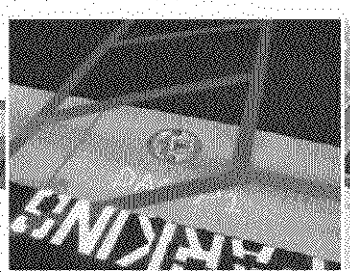


CMW026.JPG

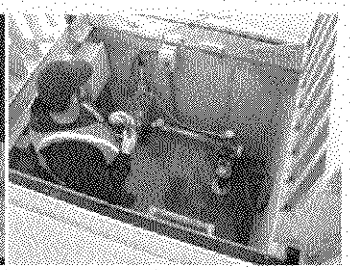


CMW026b.JPG

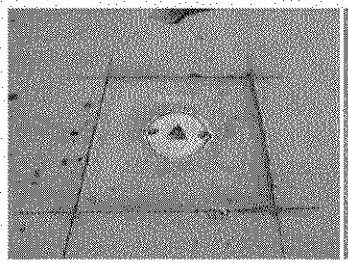
Construction_Sunrider_IWC001



DAC-P1.JPG



EWB001.JPG



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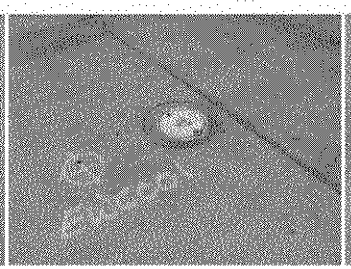

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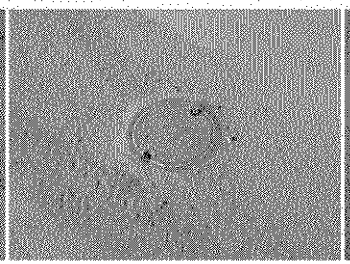

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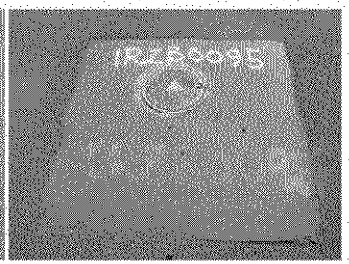

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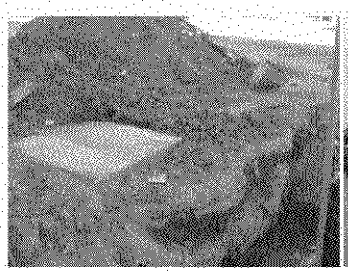

IRZCMW001
looking NE toward missing IWC002

IRZCMW001
looking NW toward buried IWC002

IRZCMW001.JPG

IRZCMW002.JPG

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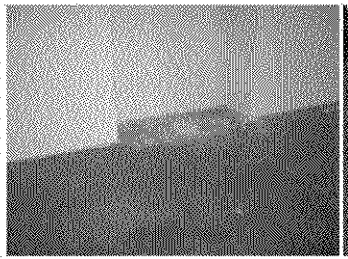

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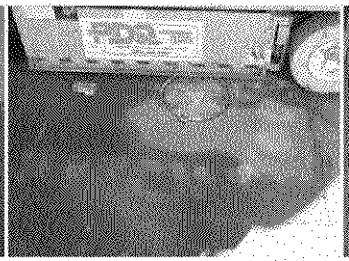
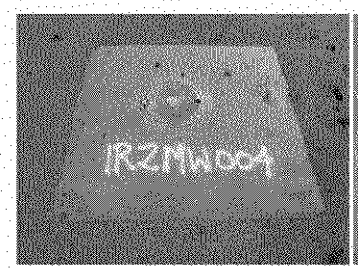


IRZCMW003.JPG

IRZMW001, IRZMW002, & IRZMW003

IRZMW001, IRZMW002, & IRZMW003b



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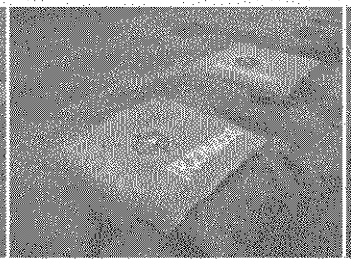
IRZMW005 & IRZMW0081



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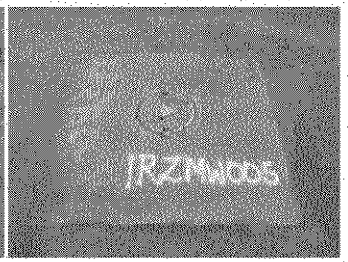


IRZMW005.JPG

IRZMW0081.JPG

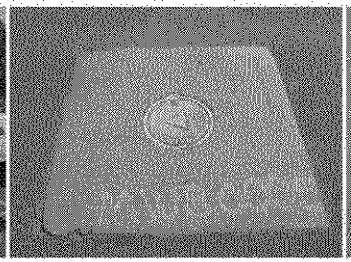
IWC001.JPG

IWC001_r.JPG

IWC001b.JPG

MWB003.JPG

MWB003b.JPG



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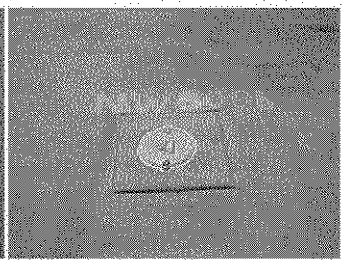

MWB006.JPG

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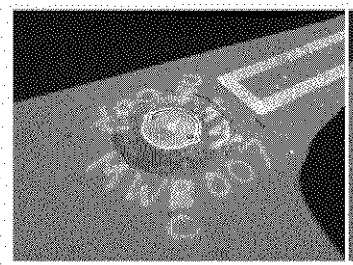

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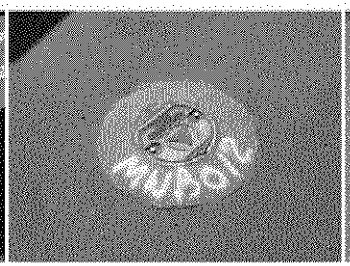

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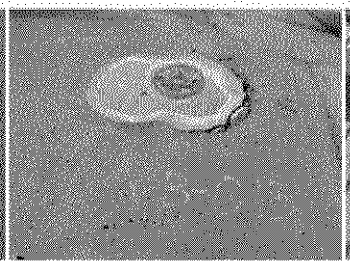

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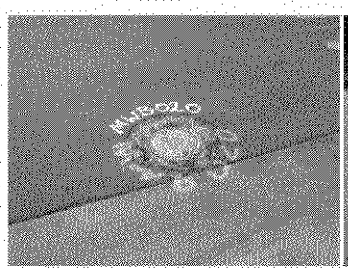

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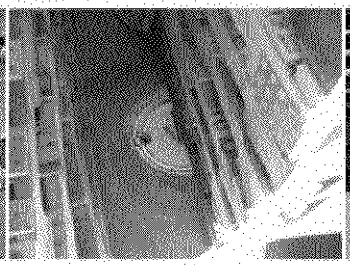

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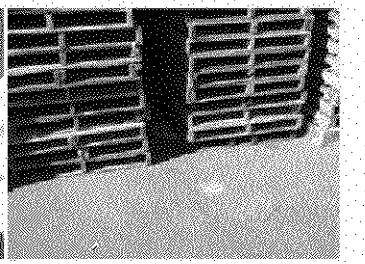

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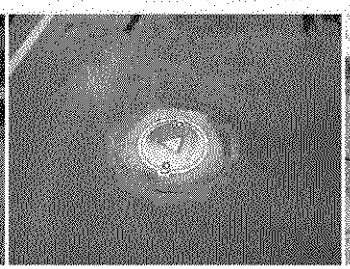

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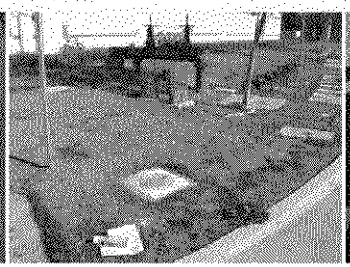
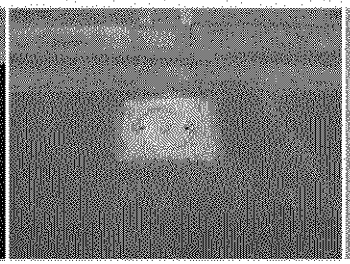


MWC004 & WCC_12S.JPG

MWC004.JPG

MWC006.JPG

MWC007.JPG



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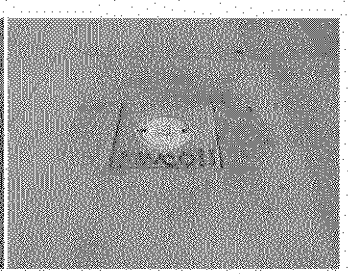

MWC011.JPG

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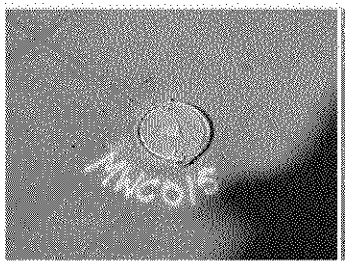

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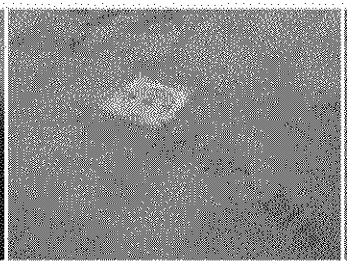

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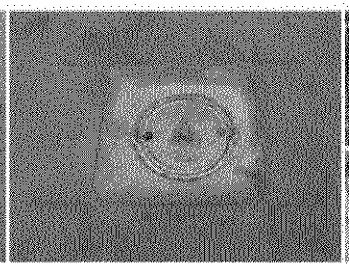

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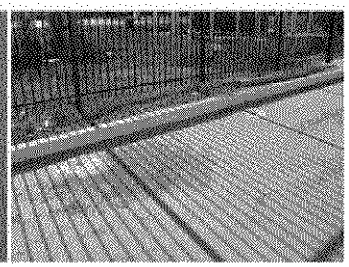
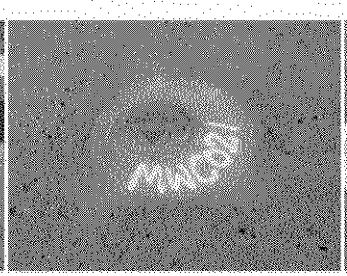


MWC017 & MWB019.JPG

MWC017.JPG



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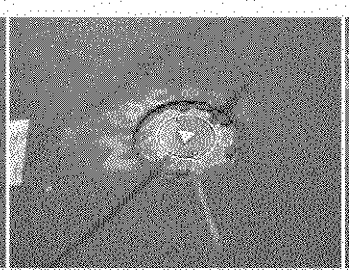

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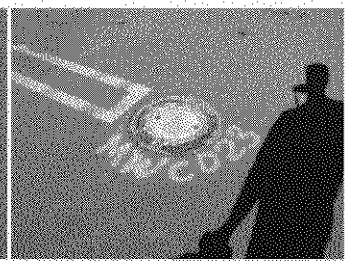
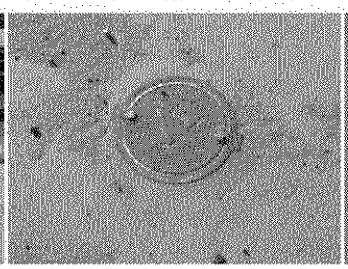
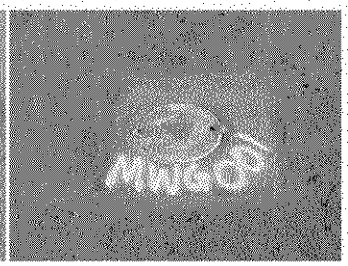


MWC023.JPG

MWC024
(looking SE toward MWB014)



MWC024 (or MWB014).JPG



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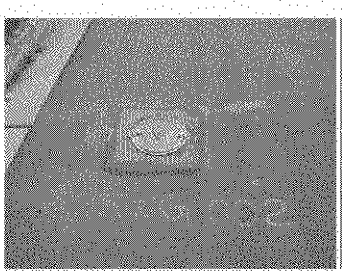
MWG001b.JPG



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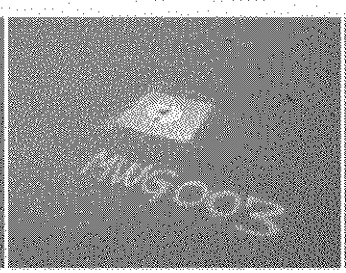

MWG003.JPG

MWG004.JPG

TMW_04.JPG

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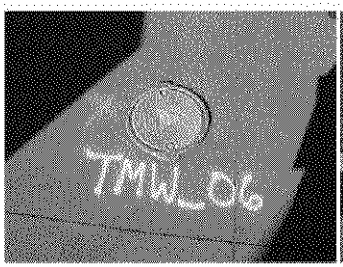

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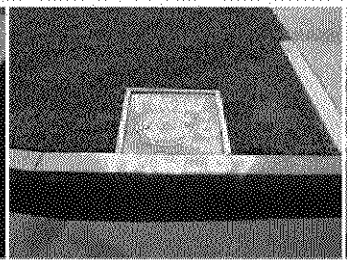

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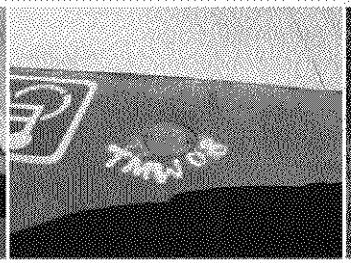

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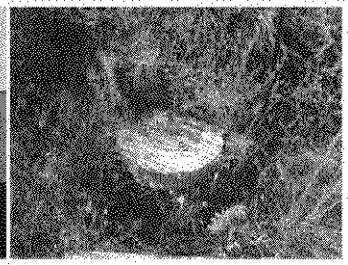


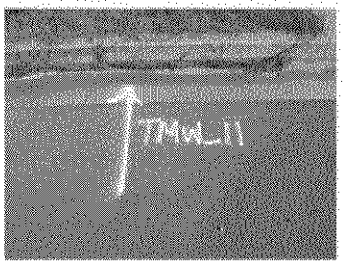
TMW_10.JPG

TMW_10b.JPG

TMW_10c.JPG

TMW_11.JPG

TMW_11b.JPG



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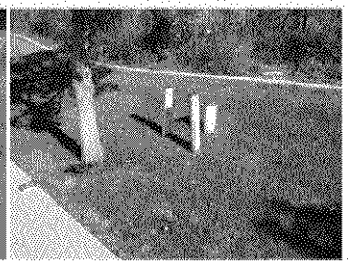
TMW_11d.JPG

TMW_14.JPG



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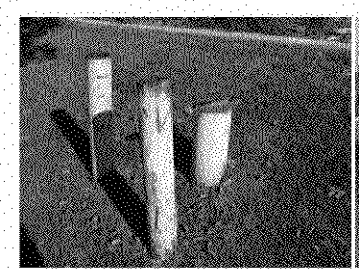

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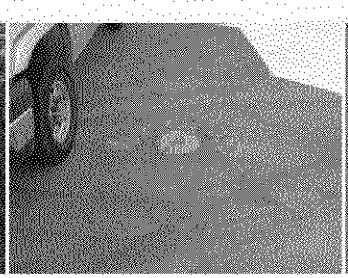

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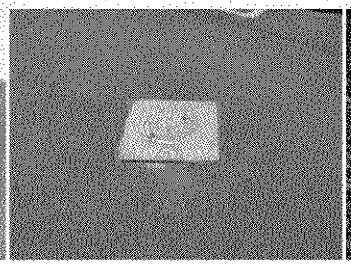

WCC_04S.JPG

WCC_05S.JPG

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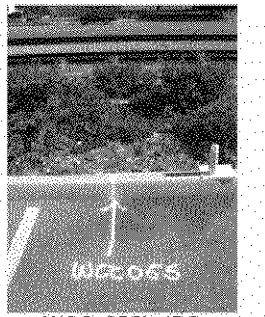

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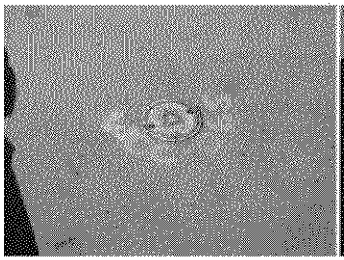
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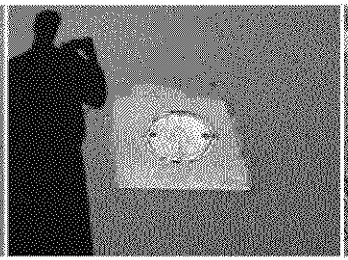
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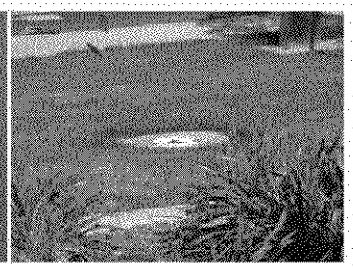
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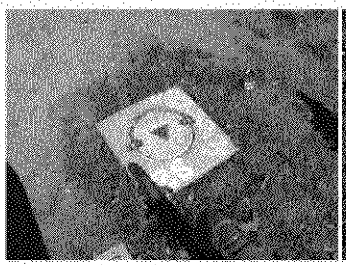
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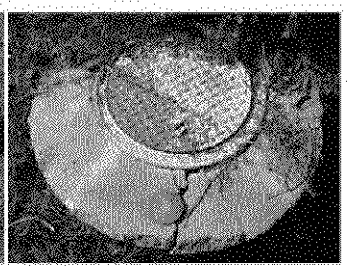
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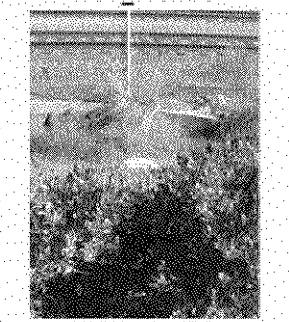
XMW_19b.JPG


XMW_19c.JPG


XMW-09.JPG

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